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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/924,283	08/07/2001	John Friend	05545P003	6146

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EXAMINER	
QURESHI, SHABANA	

ART UNIT	PAPER NUMBER
2155	

DATE MAILED: 03/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/924,283	FRIEND ET AL.	
	Examiner	Art Unit	
	Shabana Qureshi	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *07 August 2001*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-26* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-26* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-26 are rejected under 35 U.S.C. 102(e) as being anticipated by Multer et al (US Patent No. 6,671,757, hereinafter "Multer").

As per claim 1, Multer teaches a method for conserving bandwidth between a wireless device and a wireless service in a system in which message data are synchronized between the wireless device and the service comprising:

- entering a batch processing mode under certain specified conditions (column 12, lines 18-52; column 13, lines 6-9; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server);

- wherein message transaction updates conducted at the wireless device and/or the service are combined according to a set of batch processing parameters and transmitted together to the service and/or the wireless device, respectively (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server).

As per claim 2, Multer teaches the method as in claim 1 wherein one of the specified conditions is a length of time during which no message transactions are initiated at the device and/or the service (column 35, lines 15-18, time-based triggers are supported).

As per claim 3, Multer teaches the method as in claim 1 wherein one of the specified conditions is a length of time that the wireless device is out of range (column 35, lines 18-22).

As per claim 4, Multer teaches the method as in claim 1 wherein one of the specified conditions is manual selection of the batch processing mode by a user (column 14, 60-65).

As per claim 5, Multer teaches the method as in claim 1 wherein one of the batch processing parameters comprises transmitting the combined message transaction updates after predetermined intervals of time (column 13, lines 6-10; column 35, lines 15-18).

As per claim 6, Multer teaches the method as in claim 1 wherein one of the batch processing parameters comprises transmitting the combined message transaction updates after a predetermined number of updates have accrued (column 11, line 51 – column 12, line 16).

As per claim 7, Multer teaches the method as in claim 1 wherein one of the batch processing parameters comprises transmitting the combined message transaction updates after the combined message transaction updates have reached a predetermined size (column 11, line 51 – column 12, line 16).

As per claim 8, Multer teaches the method as in claim 1 wherein one of the message transaction updates comprises a deletion of a message (column 26, lines 53-55; column 11, 18-22).

As per claim 9, Multer teaches the method as in claim 1 wherein the messages are email messages (column 11, 18-22).

As per claim 10, Multer teaches a computer-implemented method comprising:

determining whether a plurality of message transaction conditions are met in a data processing device and/or service with which the data processing device is synchronized (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server);

entering into a batch processing mode for batch processing the synchronization updates between the wireless data processing device and a service if the message transaction conditions are met (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server); and

batch processing the synchronization updates between the wireless data processing device and the service based on one or more batch processing parameters (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server).

As per claim 11, Multer teaches the method as in claim 10 wherein one of the message transaction conditions is a predetermined length of time during which synchronization updates between the wireless data processing device and the service are not performed (column 13, lines 6-10; column 35, lines 15-18).

As per claim 12, Multer teaches the method as in claim 10 wherein one of the message transaction conditions comprises manual selection of the batch processing mode by a user (column 14, 60-65).

As per claim 13, Multer teaches the method as in claim 10 wherein one of the message transaction conditions comprises the device being out of range from the service for a predetermined period of time (column 13, lines 6-10; column 35, lines 15-18).

As per claim 14, Multer teaches the method as in claim 10 further comprising:

determining whether one or more standard message processing conditions are met (column 35, lines 49-65, when connection and login are performed, a check for updates are performed); and

exiting the batch processing mode if the one or more standard message processing conditions are met (column 35, lines 49-65, exiting sync mode when updates are not found).

As per claim 15, Multer teaches the method as in claim 14 wherein one of the standard message processing conditions comprises successive message transaction updates occurring at periodic intervals greater than a predetermined threshold (column 13, lines 6-10; column 35, lines 15-18).

As per claim 16, Multer teaches the method as in claim 10 wherein one of the synchronization updates comprises a deletion of an email message (column 26, lines 53-55; column 11, 18-22).

As per claim 17, Multer teaches the method as in claim 10 wherein one of the synchronization updates comprises transmission of a message (column 11, lines 7-13).

As per claim 18, Multer teaches the method as in claim 10 wherein the synchronization updates are performed on email messages (column 11, 18-22).

As per claim 19, Multer teaches a system for synchronizing messages between a wireless device and a service comprising.

message transaction detection logic to determine whether a plurality of message transaction conditions are met in a data processing device and/or service with which the data processing device is synchronized (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server); and

batch processing logic to batch process synchronization updates between the wireless data processing device and a service if the message transaction conditions are met, the batch processing performed based on one or more batch processing parameters (column 12, lines 18-52, change log is a set of updates that is sent in a single message to the wireless device/user; column 13, lines 6-9, setting of sync parameters; column 35, lines 13-38, syncing is performed based on triggering events set by user or management server).

As per claim 20, Multer teaches the system as in claim 19 wherein one of the message transaction conditions is a predetermined length of time during which synchronization updates

between the wireless data processing device and the service are not performed (column 13, lines 6-10; column 35, lines 15-18).

As per claim 21, Multer teaches the system as in claim 19 wherein one of the message transaction conditions comprises manual selection of the batch processing mode by a user (column 14, 60-65).

As per claim 22, Multer teaches the system as in claim 19 wherein one of the message transaction conditions comprises the device being out of range from the service for a predetermined period of time (column 13, lines 6-10; column 35, lines 15-18).

As per claim 23, Multer teaches the system as in claim 19 further comprising:

standard message processing logic to determine whether one or more standard message processing conditions are met (column 35, lines 49-65, when connection and login are performed, a check for updates are performed),

the system exiting the batch processing mode if the one or more standard message processing conditions are met (column 35, lines 49-65, exiting sync mode when updates are not found)..

As per claim 24, Multer teaches the system as in claim 13 wherein one of the standard message processing conditions comprises successive message transaction updates occurring at

periodic intervals greater than a predetermined threshold (column 13, lines 6-10; column 35, lines 15-18).

As per claim 25, Multer teaches the method as in claim 19 wherein one of the synchronization updates comprises a deletion of an email message (column 26, lines 53-55; column 11, 18-22).

As per claim 26, Multer teaches the method as in claim 10 wherein one of the synchronization updates comprises transmission of a message (column 11, lines 7-13).

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shabana Qureshi whose telephone number is (571) 272-3990. The examiner can normally be reached on Monday - Thursday, 9:30 am to 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shabana Qureshi
Examiner
Art Unit 2155

SQ
17 March 2005

HOSAIN ALAM
SUPERVISORY PATENT EXAMINER